Author index to volume 212

Akkerman, J.W.N. see W. Siffert 212 (1987) 123
Aktories, K., U. Weller and G.S. Chhatwal, *Clostridium botulinum* type C produces a novel ADP-ribosyltransferase distinct from botulinum C2 toxin 212 (1987) 109
Albuquerque, E.X. see C. Rapier 212 (1987) 292
Allen, E. see R.I. Norman 212 (1987) 127
Alon, R. see M.S. Meyer 212 (1987) 138
Alster, D. see P.F. Torrence 212 (1987) 267
Amons, R., Vapor-phase modification of sulfhydryl groups in proteins 212 (1987) 68
Anderson, L.E., Ribose-5-phosphate isomerase and ribulose-5-phosphate kinase show apparent specificity for a specific ribulose 5-phosphate species 212 (1987) 45
Aquila, H., T.A. Link and M. Klingenberg, Solute carriers involved in energy transfer of mitochondria form a homologous protein family 212 (1987) 1
Aragón, M.C., C. Giménez and F. Mayor, Stoichiometry of sodium- and chloride-coupled glycine transport in synaptic plasma membrane vesicles derived from rat brain 212 (1987) 87
Ayyer, J. see P. Parrack 212 (1987) 297

Bailey, A.J. see K. Barnard 212 (1987) 49
Barnard, K., L.J. Gathercole and A.J. Bailey, Basement membrane collagen – evidence for a novel molecular packing 212 (1987) 49
Barrett, M.L. see L.A.J. O'Neill 212 (1987) 35
Beatty, J.T. see M.E. Forrest 212 (1987) 28
Bennett, J. see H.P. Michel 212 (1987) 103
Berger, M. see J. Champier 212 (1987) 220
Blanpain, J.-P. see L. de Meis 212 (1987) 323
Boehm, S., A 5 S rRNA-like secondary structure in the 7 SL RNA may define a ribosomal binding site of the signal recognition particle 212 (1987) 15
Bruns, C. and D. Marmé, Pertussis toxin inhibits the angiotensin II and serotonin-induced rise of free cytoplasmic calcium in cultured smooth muscle cells from rat aorta 212 (1987) 40
Buki, K. see A. Hakam 212 (1987) 73
Burgess, A.J. see R.I. Norman 212 (1987) 127
Busby, S. see S. Ponnambalam 212 (1987) 21

Canters, G.W., The azurin gene from *Pseudomonas aeruginosa* codes for a pre-protein with a signal peptide: Cloning and sequencing of the azurin gene 212 (1987) 168
Carles, C., P. Gueguen and B. Ribadeau-Dumas, C-terminal labelling of β-casein 212 (1987) 163
Cavaggioni, A., R.T. Sorbi, J.N. Keen, D.J.C. Pappin and J.B.C. Findlay, Homology between the pyrazine-binding protein from nasal mucosa and major urinary proteins 212 (1987) 225
Champier, J., B. Claustrat, G. Sassolas and M. Berger, Detection and enzymatic deglycosylation of a glycosylated variant of prolactin in human plasma 212 (1987) 220
Chernov, I.P. see E.D. Sverdlov 212 (1987) 233
Chhatwal, G.S. see K. Aktories 212 (1987) 109
Claustrat, B. see J. Champier 212 (1987) 220
Collins, J.H. see J.P. Rieker 212 (1987) 154
Consalvi, V. see R. Scandurra 212 (1987) 79
Cullum, J. see M. Young 212 (1987) 10

Dasgupta, D. see P. Parrack 212 (1987) 297
De Blasi, A. see M. Fratelli 212 (1987) 149
De Meis, L., J.-P. Blanpain and A. Goffeau, $P_i \rightleftharpoons ATP$ exchange in the absence of proton gradient by the H^+-ATPase from yeast plasma membranes 212 (1987) 323
Dimitrov, S.I. see V.L. Makarov 212 (1987) 263

Findlay, J.B.C. see A. Cavaggioni 212 (1987) 225
Forbes, I.J. see J.K. French 212 (1987) 242
Forrest, M.E. and J.T. Beatty, Purification of *Rhodobacter capsulatus* RNA polymerase and its use for in vitro transcription 212 (1987) 28
Fratelli, M. and A. De Blasi, Agonist-induced α_1-adrenergic receptor changes: Evidence for receptor sequestration 212 (1987) 149
French, J.K., N.P. Hurst, P.D. Zalewski, L. Valente and I.J. Forbes, Calcium ionophore A23187 enhances human neutrophil superoxide release, stimulated by phorbol dibutyrate, by converting phorbol ester receptors from a low- to high-affinity state 212 (1987) 242
Fritzsche, T.M. see A. Wolf 212 (1987) 203

Gacesa, P., Alginate-modifying enzymes: A proposed unified mechanism of action for the lyases and epimerases 212 (1987) 199
Gardeström, P., Adenylate ratios in the cytosol, chloroplasts and mitochondria of barley leaf protoplasts during photosynthesis at different carbon dioxide concentrations 212 (1987) 114
Gathercole, L.J. see K. Barnard 212 (1987) 49
Gelfand, V.I. see S.A. Kuznetsov 212 (1987) 145
Gilroy, S., W.A. Hughes and A.J. Trewavas, Calmodulin antagonists increase free cytosolic calcium levels in plant protoplasts in vivo 212 (1987) 133
Giménez, C. see M.C. Aragón 212 (1987) 87
Glossmann, H. see J. Striessnig 212 (1987) 247
Goffeau, A. see L. de Meis 212 (1987) 323
Gorter, G. see W. Siffert 212 (1987) 123
Gosselin, G. see P.F. Torrence 212 (1987) 267
Grabner, M. see J. Striessnig 212 (1987) 247
Gross, M. see T. Wagner 212 (1987) 317

Published by Elsevier Science Publishers B.V. (Biomedical Division)
00145793/87/$3.50 © 1987 Federation of European Biochemical Societies

Author index to volume 212

Akkerman, J.W.N. see W. Siffert 212 (1987) 123
Aktories, K., U. Weller and G.S. Chhatwal, *Clostridium botulinum* type C produces a novel ADP-ribosyltransferase distinct from botulinum C2 toxin 212 (1987) 109
Albuquerque, E.X. see C. Rapier 212 (1987) 292
Allen, E. see R.I. Norman 212 (1987) 127
Alon, R. see M.S. Meyer 212 (1987) 138
Alster, D. see P.F. Torrence 212 (1987) 267
Amons, R., Vapor-phase modification of sulfhydryl groups in proteins 212 (1987) 68
Anderson, L.E., Ribose-5-phosphate isomerase and ribulose-5-phosphate kinase show apparent specificity for a specific ribulose 5-phosphate species 212 (1987) 45
Aquila, H., T.A. Link and M. Klingenberg, Solute carriers involved in energy transfer of mitochondria form a homologous protein family 212 (1987) 1
Aragón, M.C., C. Giménez and F. Mayor, Stoichiometry of sodium- and chloride-coupled glycine transport in synaptic plasma membrane vesicles derived from rat brain 212 (1987) 87
Ayyer, J. see P. Parrack 212 (1987) 297

Bailey, A.J. see K. Barnard 212 (1987) 49
Barnard, K., L.J. Gathercole and A.J. Bailey, Basement membrane collagen – evidence for a novel molecular packing 212 (1987) 49
Barrett, M.L. see L.A.J. O'Neill 212 (1987) 35
Beatty, J.T. see M.E. Forrest 212 (1987) 28
Bennett, J. see H.P. Michel 212 (1987) 103
Berger, M. see J. Champier 212 (1987) 220
Blanpain, J.-P. see L. de Meis 212 (1987) 323
Boehm, S., A 5 S rRNA-like secondary structure in the 7 SL RNA may define a ribosomal binding site of the signal recognition particle 212 (1987) 15
Bruns, C. and D. Marmé, Pertussis toxin inhibits the angiotensin II and serotonin-induced rise of free cytoplasmic calcium in cultured smooth muscle cells from rat aorta 212 (1987) 40
Buki, K. see A. Hakam 212 (1987) 73
Burgess, A.J. see R.I. Norman 212 (1987) 127
Busby, S. see S. Ponnambalam 212 (1987) 21

Canters, G.W., The azurin gene from *Pseudomonas aeruginosa* codes for a pre-protein with a signal peptide: Cloning and sequencing of the azurin gene 212 (1987) 168
Carles, C., P. Gueguen and B. Ribadeau-Dumas, C-terminal labelling of β-casein 212 (1987) 163
Cavaggioni, A., R.T. Sorbi, J.N. Keen, D.J.C. Pappin and J.B.C. Findlay, Homology between the pyrazine-binding protein from nasal mucosa and major urinary proteins 212 (1987) 225
Champier, J., B. Claustrat, G. Sassolas and M. Berger, Detection and enzymatic deglycosylation of a glycosylated variant of prolactin in human plasma 212 (1987) 220
Chernov, I.P. see E.D. Sverdlov 212 (1987) 233
Chhatwal, G.S. see K. Aktories 212 (1987) 109
Claustrat, B. see J. Champier 212 (1987) 220
Collins, J.H. see J.P. Rieker 212 (1987) 154
Consalvi, V. see R. Scandurra 212 (1987) 79
Cullum, J. see M. Young 212 (1987) 10

Dasgupta, D. see P. Parrack 212 (1987) 297
De Blasi, A. see M. Fratelli 212 (1987) 149
De Meis, L., J.-P. Blanpain and A. Goffeau, $P_i \rightleftharpoons ATP$ exchange in the absence of proton gradient by the H^+-ATPase from yeast plasma membranes 212 (1987) 323
Dimitrov, S.I. see V.L. Makarov 212 (1987) 263

Findlay, J.B.C. see A. Cavaggioni 212 (1987) 225
Forbes, I.J. see J.K. French 212 (1987) 242
Forrest, M.E. and J.T. Beatty, Purification of *Rhodobacter capsulatus* RNA polymerase and its use for in vitro transcription 212 (1987) 28
Fratelli, M. and A. De Blasi, Agonist-induced α_1-adrenergic receptor changes: Evidence for receptor sequestration 212 (1987) 149
French, J.K., N.P. Hurst, P.D. Zalewski, L. Valente and I.J. Forbes, Calcium ionophore A23187 enhances human neutrophil superoxide release, stimulated by phorbol dibutyrate, by converting phorbol ester receptors from a low- to high-affinity state 212 (1987) 242
Fritzsche, T.M. see A. Wolf 212 (1987) 203

Gacesa, P., Alginate-modifying enzymes: A proposed unified mechanism of action for the lyases and epimerases 212 (1987) 199
Gardeström, P., Adenylate ratios in the cytosol, chloroplasts and mitochondria of barley leaf protoplasts during photosynthesis at different carbon dioxide concentrations 212 (1987) 114
Gathercole, L.J. see K. Barnard 212 (1987) 49
Gelfand, V.I. see S.A. Kuznetsov 212 (1987) 145
Gilroy, S., W.A. Hughes and A.J. Trewavas, Calmodulin antagonists increase free cytosolic calcium levels in plant protoplasts in vivo 212 (1987) 133
Giménez, C. see M.C. Aragón 212 (1987) 87
Glossmann, H. see J. Striessnig 212 (1987) 247
Goffeau, A. see L. de Meis 212 (1987) 323
Gorter, G. see W. Siffert 212 (1987) 123
Gosselin, G. see P.F. Torrence 212 (1987) 267
Grabner, M. see J. Striessnig 212 (1987) 247
Gross, M. see T. Wagner 212 (1987) 317

Published by Elsevier Science Publishers B.V. (Biomedical Division)
00145793/87/$3.50 © 1987 Federation of European Biochemical Societies

Grzonka, Z. see E. Kojro 212 (1987) 83
Gueguen, P. see C. Carles 212 (1987) 163
Gulayeva, L.F. see Ya.Yu. Woldman 212 (1987) 53

Hakam, A., J. McLick, K. Buki and E. Kun, Catalytic activities of synthetic octadeoxyribonucleotides as coenzymes of poly(ADP-ribose) polymerase and the identification of a new enzyme inhibitory site 212 (1987) 73
Hansen, M.T. see A.J. Moody 212 (1987) 302
Hansen, M.T. see L. Thim 212 (1987) 307
Harrison, T.M. see R.I. Norman 212 (1987) 127
Hawrylak, K. and R.A. Stinson, Tetrameric alkaline phosphatase from human liver is converted to dimers by phosphatidylinositol phospholipase C 212 (1987) 289
Hermann, P. see E. Kojro 212 (1987) 83
Hönes, J., K.-D. Jany, G. Pfleiderer and A.F.V. Wagner, An integrated prediction of secondary, tertiary and quaternary structure of glucose dehydrogenase 212 (1987) 193
Houslay, M.D. see R.M. O'Brien 212 (1987) 281
Hughes, W.A. see S. Gilroy 212 (1987) 133
Hurst, N.P. see J.K. French 212 (1987) 242
Huss, S. see P.F. Torrence 212 (1987) 267

Imbach, J.-L. see P.F. Torrence 212 (1987) 267
Inagaki, F., D. Kohda, C. Kodama and A. Suzuki, Analysis of NMR spectra of sugar chains of glycolipids by multiple relayed COSY and 2D homonuclear Hartman-Hahn spectroscopy 212 (1987) 91
Inoue, H. see Y. Kubota 212 (1987) 159
Ireland, C.M. and B.W. Stewart, DNA-mediated gene transfer as an indicator of DNA damage and its repair by recipient cells 212 (1987) 173
Ivanov, P.L. see S.A. Limborska 212 (1987) 208

Jamaluddin, M.P. see L.K. Krishnan 212 (1987) 213
Jany, K.-D. see J. Hönes 212 (1987) 193
Jeffrey, F.M.H. see C.R. Malloy 212 (1987) 58
Jincharadze, A.G. see S.A. Limborska 212 (1987) 208

Kai, H., H. Kanaide, T. Matsumoto, Y. Shogakiuchi and M. Nakamura, Adenosine decreases intracellular free calcium concentrations in cultured vascular smooth muscle cells from rat aorta 212 (1987) 119
Kanaide, H. see H. Kai 212 (1987) 119
Keen, J.N. see A. Cavaggioni 212 (1987) 225
Klingenberg, M. see H. Aquila 212 (1987) 1
Knaus, H.-G. see J. Striessnig 212 (1987) 247
Kodama, C. see F. Inagaki 212 (1987) 91
Kohda, D. see F. Inagaki 212 (1987) 91
Koivu, J., Identification of disulfide bonds in carboxy-terminal propeptides of human type I procollagen 212 (1987) 229
Kojro, E., I. Willhardt, A. Römbach, Z. Grzonka and P. Hermann, Tetrazole analogs of amino acids as constituents of modifiers of carboxypeptidase A catalysis 212 (1987) 83
Korneev, S.A. see S.A. Limborska 212 (1987) 208
Krishnan, L.K. and M.P. Jamaluddin, Conformational responses of an arachidonate- and U46619-binding haemoprotein in relation to platelet activation 212 (1987) 213
Krupp, G. and D. Söll, Simplified in vitro synthesis of mutated RNA molecules: An oligonucleotide promoter determines the initiation site of T_7 RNA polymerase on ss M13 phage DNA 212 (1987) 271
Krykbaev, R.A. see E.D. Sverdlov 212 (1987) 233
Kubota, Y., T. Shuin, M. Yao, H. Inoue and T. Yoshioka, The enhanced ^{32}P labeling of CDP-diacylglycerol in c-*myc* gene expressed human kidney cancer cells 212 (1987) 159
Kun, E. see A. Hakam 212 (1987) 73
Kuznetsov, S.A. and V.I. Gelfand, 18 kDa microtubule-associated protein: identification as a new light chain (LC-3) of microtubule-associated protein 1 (MAP-1) 212 (1987) 145

Lenaz, G. see M. Rugolo 212 (1987) 313
Lewis, G.P. see L.A.J. O'Neill 212 (1987) 35
Lietz, H. see J. Striessnig 212 (1987) 247
Limborska, S.A., S.A. Korneev, N.E. Maleeva, P.A. Slominsky, A.G. Jincharadze, P.L. Ivanov and A.P. Ryskov, Cloning of Alu-containing cDNAs from human fibroblasts and identification of small Alu^+ $poly(A)^+$ RNAs in a variety of human normal and tumor cells 212 (1987) 208
Link, T.A. see H. Aquila 212 (1987) 1
Lunt, G.G. see C. Rapier 212 (1987) 292
Lyakhovich, V.V. see Ya.Yu. Woldman 212 (1987) 53

Makarov, V.L., I. Smirnov and S.I. Dimitrov, Higher order folding of chromatin is induced in different ways by monovalent and by bivalent cations 212 (1987) 263
Maleeva, N.E. see S.A. Limborska 212 (1987) 208
Malloy, C.R., A.D. Sherry and F.M.H. Jeffrey, Carbon flux through citric acid cycle pathways in perfused heart by ^{13}C NMR spectroscopy 212 (1987) 58
Marmé, D. see C. Bruns 212 (1987) 40
Matsumoto, T. see H. Kai 212 (1987) 119
Mayor, F. see M.C. Aragón 212 (1987) 87
McLick, J. see A. Hakam 212 (1987) 73
Meyer, M.S., R. Alon and S. Shibolet, Increased 25-hydroxyvitamin D levels in portal blood following cholecystokinin injection in the dog 212 (1987) 138
Michel, H.P. and J. Bennett, Identification of the phosphorylation site of an 8.3 kDa protein from photosystem II of spinach 212 (1987) 103
Milgrom, Ya.M. and M.B. Murataliev, Steady-state rate of F_1-ATPase turnover during ATP hydrolysis by the single catalytic site 212 (1987) 63
Milligan, G. see R.M. O'Brien 212 (1987) 281
Montibeller, J. see J.P. Rieker 212 (1987) 154

Moody, A.J., F. Norris, K. Norris, M.T. Hansen and L. Thim, The secretion of glucagon by transformed yeast strains 212 (1987) 302
Moosburger, K. see J. Striessnig 212 (1987) 247
Murataliev, M.B. see Ya.M. Milgrom 212 (1987) 63

Nakamura, M. see H. Kai 212 (1987) 119
Norman, R.I., A.J. Burgess, E. Allen and T.M. Harrison, Monoclonal antibodies against the 1,4-dihydropyridine receptor associated with voltage-sensitive Ca^{2+} channels detect similar polypeptides from a variety of tissues and species 212 (1987) 127
Norris, F. see A.J. Moody 212 (1987) 302
Norris, K. see A.J. Moody 212 (1987) 302

O'Brien, R.M., M.D. Houslay, G. Milligan and K. Siddle, The insulin receptor tyrosyl kinase phosphorylates holomeric forms of the guanine nucleotide regulatory proteins G_i and G_o 212 (1987) 281
O'Hara, D.M. and P.E. Reynolds, Antibody used to identify penicillin-binding protein 2′ in methicillin-resistant strains of *Staphylococcus aureus* (MRSA) 212 (1987) 237
O'Neill, L.A.J., M.L. Barrett and G.P. Lewis, Induction of cyclo-oxygenase by interleukin-1 in rheumatoid synovial cells 212 (1987) 35

Pappin, D.J.C. see A. Cavaggioni 212 (1987) 225
Parrack, P., D. Dasgupta, J. Ayyer and V. Sasisekharan, Interaction of synthetic analogs of distamycin with DNA: Role of the conjugated *N*-methylpyrrole system in specificity of binding 212 (1987) 297
Perrotti, N. see S.A. Phillips 212 (1987) 141
Pfleiderer, G. see J. Hönes 212 (1987) 193
Phillips, S.A., N. Perrotti and S.I. Taylor, Rat liver membranes contain a 120 kDa glycoprotein which serves as a substrate for the tyrosine kinases of the receptors for insulin and epidermal growth factor 212 (1987) 141
Pieck, A.C.M., A.A.M. Rijken and F. Wanka, Nuclear matrix and chromosome scaffold preparations of in vitro cultured bovine liver cells have two proteins in common 212 (1987) 276
Pliszka, B., Crosslinking of trypsin digested acto-heavy meromyosin as a probe of the affinity of the two myosin heads to actin 212 (1987) 254
Politi, L. see R. Scandurra 212 (1987) 79
Ponnambalam, S. and S. Busby, RNA polymerase molecules initiating transcription at tandem promoters can collide and cause premature transcription termination 212 (1987) 21

Rapier, C., S. Wonnacott, G.G. Lunt and E.X. Albuquerque, The neurotoxin histrionicotoxin interacts with the putative ion channel of the nicotinic acetylcholine receptors in the central nervous system 212 (1987) 292
Reynolds, P.E. see D.M. O'Hara 212 (1987) 237
Ribadeau-Dumas, B. see C. Carles 212 (1987) 163
Rieker, J.P., H. Swanljung-Collins, J. Montibeller and J.H. Collins, Brush border myosin heavy chain phosphorylation is regulated by calcium and calmodulin 212 (1987) 154
Riemens, T. see W. Siffert 212 (1987) 123
Rocchi, M. see M. Rugolo 212 (1987) 313
Römbach, A. see E. Kojro 212 (1987) 83
Romeo, G. see M. Rugolo 212 (1987) 313
Rostapshov, V.M. see E.D. Sverdlov 212 (1987) 233
Rudy, B. see A. Wolf 212 (1987) 203
Rugolo, M., M. Rocchi, G. Lenaz and G. Romeo, Increased chloride efflux in fibroblasts from X-linked muscular dystrophies and clones from Duchenne carriers 212 (1987) 313
Rijken, A.A.M. see A.C.M. Pieck 212 (1987) 276
Ryskov, A.P. see S.A. Limborska 212 (1987) 208

Santoro, L. see R. Scandurra 212 (1987) 79
Sasisekharan, V. see P. Parrack 212 (1987) 297
Sassolas, G. see J. Champier 212 (1987) 220
Scandurra, R., L. Politi, L. Santoro and V. Consalvi, Covalently bound pyruvate in phosphopantothenoylcysteine decarboxylase from horse liver 212 (1987) 79
Scheid, P. see W. Siffert 212 (1987) 123
Seitz, W. see J. Striessnig 212 (1987) 247
Sherry, A.D. see C.R. Malloy 212 (1987) 58
Shibolet, S. see M.S. Meyer 212 (1987) 138
Shogakiuchi, Y. see H. Kai 212 (1987) 119
Shuin, T. see Y. Kubota 212 (1987) 159
Siddle, K. see R.M. O'Brien 212 (1987) 281
Siffert, G. see W. Siffert 212 (1987) 123
Siffert, W., G. Siffert, P. Scheid, T. Riemens, G. Gorter and J.W.N. Akkerman, Inhibition of Na^+/H^+ exchange reduces Ca^{2+} mobilization without affecting the initial cleavage of phosphatidylinositol 4,5-bisphosphate in thrombin-stimulated platelets 212 (1987) 123
Sigler, P.B. see T. Wagner 212 (1987) 317
Slominsky, P.A. see S.A. Limborska 212 (1987) 208
Smirnov, I. see V.L. Makarov 212 (1987) 263
Söll, D. see G. Krupp 212 (1987) 271
Sorbi, R.T. see A. Cavaggioni 212 (1987) 225
Sørensen, A.R. see L. Thim 212 (1987) 307
Stewart, B.W. see C.M. Ireland 212 (1987) 173
Stinson, R.A. see K. Hawrylak 212 (1987) 289
Striessnig, J., H.-G. Knaus, M. Grabner, K. Moosburger, W. Seitz, H. Lietz and H. Glossmann, Photoaffinity labelling of the phenylalkylamine receptor of the skeletal muscle transverse-tubule calcium channel 212 (1987) 247
Suzuki, A. see F. Inagaki 212 (1987) 91
Sverdlov, E.D., S.A. Tsarev, R.A. Krykbaev, I.P. Chernov and V.M. Rostapshov, trp operon induction during the expression in *E. coli* of two IFN-γ sequences 212 (1987) 233
Swanljung-Collins, H. see J.P. Rieker 212 (1987) 154

Takai, T., K. Wada and T. Tanabe, Primary structure of the biotin-binding site of chicken liver acetyl-CoA carboxylase 212 (1987) 98
Tanabe, T. see T. Takai 212 (1987) 98
Taylor, S.I. see S.A. Phillips 212 (1987) 141
Thim, L., M.T. Hansen and A.R. Sørensen, Secretion of human insulin by a transformed yeast cell 212 (1987) 307
Thim, L. see A.J. Moody 212 (1987) 302
Torrence, P.F., D. Alster, S. Huss, G. Gosselin and J.-L. Imbach, Degradation by the 2′,5′-phosphodiesterase activity of mouse cells requires the presence of a *ribo* hydroxyl group in the penultimate position of the oligonucleotide substrate 212 (1987) 267
Trewavas, A.J. see S. Gilroy 212 (1987) 133
Trommer, W.E. see A. Wolf 212 (1987) 203
Tsarev, S.A. see E.D. Sverdlov 212 (1987) 233

Valente, L. see J.K. French 212 (1987) 242

Wada, K. see T. Takai 212 (1987) 98
Wagner, A.F.V. see J. Hönes 212 (1987) 193
Wagner, T., M. Gross and P.B. Sigler, CpA containing oligoribonucleotides specifically inhibit protein synthesis in rabbit reticulocytes 212 (1987) 317
Wanka, F. see A.C.M. Pieck 212 (1987) 276
Weiner, L.M. see Ya.Yu. Woldman 212 (1987) 53
Weller, U. see K. Aktories 212 (1987) 109
Willhardt, I. see E. Kojro 212 (1987) 83
Woldman, Ya.Yu., L.M. Weiner, L.F. Gulayeva and V.V. Lyakhovich, NMR study of the interaction of P-450 with 4-methoxypyridine 212 (1987) 53
Wolf, A., T.M. Fritzsche, B. Rudy and W.E. Trommer, Synthesis of spin-labeled photoaffinity derivatives of NAD^+ and their interaction with lactate dehydrogenase 212 (1987) 203
Wonnacott, S. see C. Rapier 212 (1987) 292

Yao, M. see Y. Kubota 212 (1987) 159
Yoshioka, T. see Y. Kubota 212 (1987) 159
Young, M. and J. Cullum, A plausible mechanism for large-scale chromosomal DNA amplification in streptomycetes 212 (1987) 10

Zahradka, P., Probing DNA polymerase α with monoclonal antibodies 212 (1987) 259
Zalewski, P.D. see J.K. French 212 (1987) 242

Contents to volume 212

Review Letter

Solute carriers involved in energy transfer of mitochondria form a homologous protein family (FEB 04398) *H. Aquila, T.A. Link, M. Klingenberg* 1

Hypotheses

A plausible mechanism for large-scale chromosomal DNA amplification in streptomycetes (FEB 04397) *M. Young, J. Cullum* 10

A 5 S rRNA-like secondary structure in the 7 SL RNA may define a ribosomal binding site of the signal recognition particle (FEB 04396) *S. Boehm* 15

Research Letters

RNA polymerase molecules initiating transcription at tandem promoters can collide and cause premature transcription termination (FEB 04399) *S. Ponnambalam, S. Busby* 21

Purification of *Rhodobacter capsulatus* RNA polymerase and its use for in vitro transcription (FEB 04403) *M.E. Forrest, J.T. Beatty* 28

Induction of cyclo-oxygenase by interleukin-1 in rheumatoid synovial cells (FEB 04400) *L.A.J. O'Neill, M.L. Barrett, G.P. Lewis* 35

Pertussis toxin inhibits the angiotensin II and serotonin-induced rise of free cytoplasmic calcium in cultured smooth muscle cells from rat aorta (FEB 04395) *C. Bruns, D. Marmé* 40

Ribose-5-phosphate isomerase and ribulose-5-phosphate kinase show apparent specificity for a specific ribulose 5-phosphate species (FEB 04407) *L.E. Anderson* 45

Basement membrane collagen – evidence for a novel molecular packing (FEB 04401) *K. Barnard, L.J. Gathercole, A.J. Bailey* 49

NMR study of the interaction of P-450 with 4-methoxypyridine (FEB 04394) *Ya.Yu. Woldman, L.M. Weiner, L.F. Gulayeva, V.V. Lyakhovich* 53

Carbon flux through citric acid cycle pathways in perfused heart by ^{13}C NMR spectroscopy (FEB 04408) *C.R. Malloy, A.D. Sherry, F.M.H. Jeffrey* 58

Steady-state rate of F_1-ATPase turnover during ATP hydrolysis by the single catalytic site (FEB 04304) *Ya.M. Milgrom, M.B. Murataliev* 63

Vapor-phase modification of sulfhydryl groups in proteins (FEB 04411) *R. Amons* 68

Catalytic activities of synthetic octadeoxyribonucleotides as coenzymes of poly(ADP-ribose) polymerase and the identification of a new enzyme inhibitory site (FEB 04424) *A. Hakam, J. McLick, K. Buki, E. Kun* 73

Covalently bound pyruvate in phosphopantothenoylcysteine decarboxylase from horse liver (FEB 04425) *R. Scandurra, L. Politi, L. Santoro, V. Consalvi* 79

Tetrazole analogs of amino acids as constituents of modifiers of carboxypeptidase A catalysis (FEB 04428) *E. Kojro, I. Willhardt, A. Römbach, Z. Grzonka, P. Hermann* 83

Stoichiometry of sodium- and chloride-coupled glycine transport in synaptic plasma membrane vesicles derived from rat brain (FEB 04427) *M.C. Aragón, C. Giménez, F. Mayor* 87

Analysis of NMR spectra of sugar chains of glycolipids by multiple relayed COSY and 2D homonuclear Hartman-Hahn spectroscopy (FEB 04418) *F. Inagaki, D. Kohda, C. Kodama, A. Suzuki* 91

Primary structure of the biotin-binding site of chicken liver acetyl-CoA carboxylase (FEB 04426) *T. Takai, K. Wada, T. Tanabe* 98

Identification of the phosphorylation site of an 8.3 kDa protein from photosystem II of spinach (FEB 04414) *H.P. Michel, J. Bennett* 103

Clostridium botulinum type C produces a novel ADP-ribosyltransferase distinct from botulinum C2 toxin (FEB 04413) *K. Aktories, U. Weller, G.S. Chhatwal* 109

Published by Elsevier Science Publishers B.V. (Biomedical Division)
00145793/87/$3.50 © 1987 Federation of European Biochemical Societies